Other: contracted Piper Cherokee or King Air 03/01/17 - 03/30/17

Aircraft:

Other: contracted Piper Cherokee or King Air

Flight Number: ?17M007-1

Payload Configuration: Puerto Rico/Florida - 2017 Nav Data Collected:

Yes

Total Flight Time:

74.7 hours

Comments:

Transit from Dynamic Aviation (Bridgewater, VA; no NASA personnel onboard) to Puerto Rico was ~9 hours. Transit from Puerto Rico to Ft. Lauderdale, FL (no NASA personnel onboard), was ~5.5 hours., Transit from Jacksonville, FL, to Dynamic Aviation (Bridgewater, VA; no NASA personnel onboard) was ~3.5 hours. These transit hours (18 h) have been added to the Science Hours Flown (74.7 h, see above) to obtain the Total Hours Flown (74.7+18=92.7).

Submitted by:

Bruce Cook on 03/07/17

Flight Segments:

From:	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)		
Start:	03/01/17 16:21 Z	Finish:	03/01/17 18:59 Z		
Flight Time:	2.6 hours				
Log Number:	17M007	PI:	Bruce Cook		
Funding Source:	Ming-Ying Wei - NASA - SMD - ESD New Investigator Program				
Purpose of Flight:	Science				
Comments:	instruments in morning fo altitude (to avoid strong h	ollowing transit of plate leadwind from east). and Analysis (USFS pport of NGEE-Tropi	A90 King Air (N87Q). Prepared Iform from FL to PR at high In afternoon, flew US Forest FIA) transects west of San Ics project. Aircraft and		
From:	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)		
Start:	03/02/17 14:32 Z	Finish:	03/02/17 19:20 Z		
Flight Time:	4.8 hours				
Log Number:	<u>17M007</u>	PI:	Bruce Cook		
Funding Source:	Ming-Ying Wei - NASA - SMD - ESD New Investigator Program				
Purpose of Flight:	Science				
Comments:		Columbia University	ce Forest Inventory and transects west of San Juan pject. Aircraft and instruments		
From:	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)		
Start:	03/03/17 13:12 Z	Finish:	03/03/17 21:32 Z		
Flight Time:	6.2 hours				
Log Number:	17M007	PI:	Bruce Cook		
Funding Source:	Ming-Ying Wei - NASA - SMD - ESD New Investigator Program				
Purpose of Flight:	Science				
Comments:	Acquired data for FLARE campaign over San Juan Botanical Gardens, Arboretum Parque Doña Inés and USFS International Institute for Tropical Forestry (IITF) inventory plots. Acquisitions were collected in the morning, solar noon and afternoon. Aircraft and instruments all functioning properly.				

Flight Time: Log Number: Funding Source: Purpose of Flight: Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	USFS and other research traffic was light. Aircraft at Tomorrow (Saturday, 4 M (one down day for every 7 Monday or Tuesday (6-7 lisland. Isla Grande Airport, San Juan, PR (SIG) 03/08/17 14:32 Z 4.4 hours 17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-	Tropics within El Yunque plots) and mangrove and instruments all fundarch 2017) is a mandar days working). UPDA March 2017) due to high	ue National Park (NSF LTER, sites around airport while		
Log Number: Funding Source: Purpose of Flight: Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE- USFS and other research traffic was light. Aircraft at Tomorrow (Saturday, 4 M (one down day for every 7 Monday or Tuesday (6-7 lisland. Isla Grande Airport, San Juan, PR (SIG) 03/08/17 14:32 Z 4.4 hours 17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-	Finish:	ue National Park (NSF LTER, sites around airport while ctioning properly. NOTE: atory down day for the pilots ATE: No flights planned on gh winds and rain across the Isla Grande Airport, San Juan, PR (SIG) 03/08/17 18:52 Z		
Funding Source: Purpose of Flight: Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	Ming-Ying Wei - NASA - S Science Acquired data for NGEE- USFS and other research traffic was light. Aircraft at Tomorrow (Saturday, 4 M (one down day for every 7 Monday or Tuesday (6-7 I island. Isla Grande Airport, San Juan, PR (SIG) 03/08/17 14:32 Z 4.4 hours 17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-	Finish:	ue National Park (NSF LTER, sites around airport while ctioning properly. NOTE: atory down day for the pilots ATE: No flights planned on gh winds and rain across the Isla Grande Airport, San Juan, PR (SIG) 03/08/17 18:52 Z		
Purpose of Flight: Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	Science Acquired data for NGEE-USFS and other research traffic was light. Aircraft at Tomorrow (Saturday, 4 M (one down day for every 7 Monday or Tuesday (6-7 lisland. Isla Grande Airport, San Juan, PR (SIG) 03/08/17 14:32 Z 4.4 hours 17M007 Ming-Ying Wei - NASA - Sience Acquired data for NGEE-	Tropics within El Yunque plots) and mangrove and instruments all fundarch 2017) is a mandar days working). UPDA March 2017) due to high	ue National Park (NSF LTER, sites around airport while ctioning properly. NOTE: atory down day for the pilots ATE: No flights planned on gh winds and rain across the Isla Grande Airport, San Juan, PR (SIG) 03/08/17 18:52 Z		
Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	Acquired data for NGEE-USFS and other research traffic was light. Aircraft at Tomorrow (Saturday, 4 M (one down day for every 7 Monday or Tuesday (6-7 lisland. Isla Grande Airport, San Juan, PR (SIG) 03/08/17 14:32 Z 4.4 hours 17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-	plots) and mangrove and instruments all fund arch 2017) is a manda days working). UPDA March 2017) due to high	sites around airport while ctioning properly. NOTE: atory down day for the pilots ATE: No flights planned on gh winds and rain across the Isla Grande Airport, San Juan, PR (SIG) 03/08/17 18:52 Z		
Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	USFS and other research traffic was light. Aircraft at Tomorrow (Saturday, 4 M (one down day for every 7 Monday or Tuesday (6-7 lisland. Isla Grande Airport, San Juan, PR (SIG) 03/08/17 14:32 Z 4.4 hours 17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-	plots) and mangrove and instruments all fund arch 2017) is a manda days working). UPDA March 2017) due to high	sites around airport while ctioning properly. NOTE: atory down day for the pilots ATE: No flights planned on gh winds and rain across the Isla Grande Airport, San Juan, PR (SIG) 03/08/17 18:52 Z		
Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	Juan, PR (SIG) 03/08/17 14:32 Z 4.4 hours 17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-	Finish:	Juan, PR (SIG) 03/08/17 18:52 Z		
Flight Time: Log Number: Funding Source: Purpose of Flight: Comments: From:	4.4 hours 17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-	PI:			
Log Number: Funding Source: Purpose of Flight: Comments: From:	17M007 Ming-Ying Wei - NASA - S Science Acquired data for NGEE-		Bruce Cook		
Funding Source: Purpose of Flight: Comments: From:	Ming-Ying Wei - NASA - S Science Acquired data for NGEE-		Bruce Cook		
Purpose of Flight: Comments: From:	Science Acquired data for NGEE-	SMD - ESD New Inves			
Purpose of Flight: Comments: From:	Science Acquired data for NGEE-		tigator Program		
Comments: From:					
rioiii.		Acquired data for NGEE-Tropics in SW corner of Puerto Rico, because area was cloud free and aerostat near the NEON tower and other research plots was down for maintenance. Aircraft and instruments all functioning properly.			
Start:	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)		
	03/09/17 13:08 Z	Finish:	03/09/17 13:59 Z		
Flight Time:	0.8 hours				
Log Number:	<u>17M007</u>	PI:	Bruce Cook		
	Ming-Ying Wei - NASA - S	SMD - ESD New Inves	tigator Program		
Purpose of Flight:	Science				
	Tried to acquire data near airport before rainstorms arrived. Forecast calls for rain through tomorrow (Friday 10 March 2017).				
	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)		
Start:	03/10/17 13:57 Z	Finish:	03/10/17 15:50 Z		
Flight Time:	1.9 hours				
Log Number:	17M007 PI: Bruce Cook		Bruce Cook		
Funding Source:	Ming-Ying Wei - NASA - SMD - ESD New Investigator Program				
Purpose of Flight:	Science				
Comments:	Acquired data for NGEE-Tropics sites near airport. Lidar data okay, but sky conditions not favorable for imaging spectroscopy. Aircraft and instruments all functioning properly.				
	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)		
Start:	03/11/17 12:57 Z	Finish:	03/11/17 16:56 Z		
Flight Time:	4 hours				
Log Number:	<u>17M007</u>	PI:	Bruce Cook		
Funding Source:	Ming-Ying Wei - NASA - S	SMD - ESD New Inves	tigator Program		

Comments:	Acquired FLARE data at 9:30 am (completely clear) and 12:30 (solar noon, but mostly cloudy). NGEE-Tropics data was collected over central mountains, which was mostly clear with some cumulus clouds, between FLARE acquisitions. Aircraft and instruments all functioning properly.					
From:	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)			
Start:	03/12/17 12:33 Z	Finish:	03/12/17 16:21 Z			
Flight Time:	3.9 hours					
Log Number:	17M007	007 PI: Bruce Cook				
Funding Source:	Ming-Ying Wei - NASA -	Ming-Ying Wei - NASA - SMD - ESD New Investigator Program				
Purpose of Flight:	Science					
Comments:	Acquired NGEE-Tropics data near El Yunque, in coastal areas (E and SE) where with more open sky, and in central mountains to the west. Aircraft and instruments all functioning properly.					
From:	Isla Grande Airport, San Juan, PR (SIG)	То:	Isla Grande Airport, San Juan, PR (SIG)			
Start:	03/13/17 12:48 Z	Finish:	03/13/17 16:55 Z			
Flight Time:	4.1 hours					
Log Number:	<u>17M007</u>	PI:	Bruce Cook			
Funding Source:	Ming-Ying Wei - NASA -	SMD - ESD New In	nvestigator Program			
	Science					
Purpose of Flight:	Science					
Purpose of Flight: Comments:	Acquired FLARE data ov to airport. NGEE-Tropics	data in mountains	ens w/o tarps on transit from and and coastal areas in SE, where uments all functioning properly.			
	Acquired FLARE data ov to airport. NGEE-Tropics	data in mountains y. Aircraft and instru	and coastal areas in SE, where			
Comments:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky	data in mountains y. Aircraft and instru	and coastal areas in SE, where uments all functioning properly. Isla Grande Airport, San			
Comments:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky Isla Grande Airport, San Juan, PR (SIG)	s data in mountains y. Aircraft and instru To:	and coastal areas in SE, where uments all functioning properly. Isla Grande Airport, San Juan, PR (SIG)			
Comments: From: Start:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky Isla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z	s data in mountains y. Aircraft and instru To:	and coastal areas in SE, where uments all functioning properly. Isla Grande Airport, San Juan, PR (SIG)			
Comments: From: Start: Flight Time:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky Isla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z 3.6 hours	to: To: Finish:	Isla Grande Airport, San Juan, PR (SIG) 03/14/17 16:07 Z Bruce Cook			
Comments: From: Start: Flight Time: Log Number:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky Isla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z 3.6 hours 17M007	to: To: Finish:	Isla Grande Airport, San Juan, PR (SIG) 03/14/17 16:07 Z Bruce Cook			
Comments: From: Start: Flight Time: Log Number: Funding Source:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky lsla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z 3.6 hours 17M007 Ming-Ying Wei - NASA - Science Acquired remaining NGE of one FIA transect (#32 until 3:30 pm LT (solar n (UPR Botanical Garden stransports)	To: Finish: PI: SMD - ESD New In the properties of the properties	Isla Grande Airport, San Juan, PR (SIG) 03/14/17 16:07 Z Bruce Cook Investigator Program West and south, with the exception with low cloud ceiling. Waiting El Yunque and FLARE study site que Doña Inés), but skies were stall functioning properly. NOTE:			
Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight:	Acquired FLARE data over to airport. NGEE-Tropics there was more open skyllsla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z 3.6 hours 17M007 Ming-Ying Wei - NASA - Science Acquired remaining NGE of one FIA transect (#32) until 3:30 pm LT (solar not (UPR Botanical Garden spersistently cloudy. Aircr	To: Finish: PI: SMD - ESD New In the properties of the properties	Isla Grande Airport, San Juan, PR (SIG) 03/14/17 16:07 Z Bruce Cook Investigator Program West and south, with the exception with low cloud ceiling. Waiting El Yunque and FLARE study site que Doña Inés), but skies were stall functioning properly. NOTE:			
Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky Isla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z 3.6 hours 17M007 Ming-Ying Wei - NASA - Science Acquired remaining NGE of one FIA transect (#32 until 3:30 pm LT (solar n (UPR Botanical Garden persistently cloudy. Aircr Pilot's down day tomorro	To: Finish: PI: SMD - ESD New In the properties of the properties	Isla Grande Airport, San Juan, PR (SIG) 03/14/17 16:07 Z Bruce Cook Investigator Program West and south, with the exception with low cloud ceiling. Waiting El Yunque and FLARE study site que Doña Inés), but skies were s all functioning properly. NOTE: ights planned. Isla Grande Airport, San			
Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky Isla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z 3.6 hours 17M007 Ming-Ying Wei - NASA - Science Acquired remaining NGE of one FIA transect (#32 until 3:30 pm LT (solar n (UPR Botanical Garden persistently cloudy. Aircr Pilot's down day tomorro	To: Finish: PI: SMD - ESD New In the properties of the properties	Isla Grande Airport, San Juan, PR (SIG) 03/14/17 16:07 Z Bruce Cook Investigator Program West and south, with the exception with low cloud ceiling. Waiting El Yunque and FLARE study site que Doña Inés), but skies were s all functioning properly. NOTE: ights planned. Isla Grande Airport, San Juan, PR (SIG)			
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Comments: From: Start: Flight Time: Log Number: Funding Source: Purpose of Flight: Comments: From: Start: Flight Time:	Acquired FLARE data ov to airport. NGEE-Tropics there was more open sky Isla Grande Airport, San Juan, PR (SIG) 03/14/17 12:31 Z 3.6 hours 17M007 Ming-Ying Wei - NASA - Science Acquired remaining NGE of one FIA transect (#32 until 3:30 pm LT (solar n (UPR Botanical Garden persistently cloudy. Aircr Pilot's down day tomorrol Isla Grande Airport, San Juan, PR (SIG) 03/15/17 13:12 Z 4.7 hours	To: Finish: EE-Tropics data in v. in high mountains on + 3 hours) for land Arboretum Paraft and instruments ow (15 March), no fl To: Finish: PI: PI: Finish: To: Finish:	Isla Grande Airport, San Juan, PR (SIG) West and south, with the exception with low cloud ceiling. Waiting EI Yunque and FLARE study site que Doña Inés), but skies were all functioning properly. NOTE: ights planned. Isla Grande Airport, San Juan, PR (SIG) 03/15/17 17:55 Z			

Comments:	Numerous FLARE collections over calibration tarps, but skies were quite cloudy. Acquired most of the remaining NGEE-Tropics data around EI Yunque NF and high-altitude mountain transect to the south (near Cayey) that was previously in the clouds. Also finished lidar mapping of UPR Botanical Garden and Arboretum Parque Doña Inés. Aircraft and instruments all functioning properly. NOTE: Obtained waiver from Dynamic Aviation for pilot down day, because morning skies were clear and ground crew for tarps/ASD are leaving tomorrow. Hard ground day tomorrow (16 March), last day opportunity for data collection on Friday (17 March). Plane w/G-LiHT will transit to Ft Lauderdale, FL, where they will be met on Tuesday (21 March) by Bruce Cook and Larry Corp to begin the FL campaign.					
From:	Isla Grande Airport, San Juan, PR (SIG) Isla Grande Airport, San Juan, PR (SIG)					
Start:	03/17/17 12:57 Z	Finish:	03/17/17 16:03 Z			
Flight Time:	3.1 hours					
Log Number:	17M007	PI:	Bruce Cook			
Funding Source:	Ming-Ying Wei - NASA -	SMD - ESD New In	vestigator Program			
Purpose of Flight:	Science					
Comments:	Completed NGEE-Tropics data acquisition over El Yunque NF and the cloud forest, and FLARE transects @ 1000 and 3000' AGL over UPR Botanical Garden and Arboretum Parque Doña Inés. Aircraft and instruments all functioning properly. NOTE: This was the last day of the Puerto Rico campaign. NASA instrument operators Cook and Corp will fly commercial aircraft back to DC tomorrow (Saturday 18 March) and meet aircraft on Tuesday (21 March) in Ft Lauderdale to begin FL campaign.					
From:	Ft. Lauderdale Executive Airport (FXE)	То:	Florida Keys Marathon Airport (MTH)			
Start:	03/22/17 15:00 Z	Finish:	03/22/17 21:24 Z			
Flight Time:	6.4 hours					
Log Number:	17M007	PI:	Bruce Cook			
Funding Source:	Ming-Ying Wei - NASA -	SMD - ESD New In	vestigator Program			
Purpose of Flight:	Science					
Comments:	Aircraft and G-LiHT transited from San Juan to Ft. Lauderdale on Sunday, 19 March 2017, where NASA instrument operators (PI/Cook and Corp) met the crew. Coastal FL campaign official began on Wednesday, 22 March 2017, with transects in the FL Everglades National Park. Aircraft and instruments all functioning properly. NOTE: Thursday, 23 March 2017, is likely a down day due to weather (rain and clouds forecast for much of southern FL)					
From:	Florida Keys Marathon Airport (MTH)	То:	Florida Keys Marathon Airport (MTH)			
Start:	03/25/17 12:53 Z	Finish:	03/25/17 14:23 Z			
Flight Time:	1.5 hours					
Log Number:	17M007	PI:	Bruce Cook			
Funding Source:	Ming-Ying Wei - NASA - SMD - ESD New Investigator Program					
Purpose of Flight:	Science					
Comments:	Acquired data over field plots on FL Keys, where skies were clearest. Aircraft and instruments all functioning properly.					
From:	Florida Keys Marathon Airport (MTH)	То:	Florida Keys Marathon Airport (MTH)			
Start:	03/26/17 12:46 Z	Finish:	03/26/17 14:14 Z			
Flight Time:	1.4 hours					
Log Number:	17M007 PI: Bruce Cook					
Funding Source:	Ming-Ying Wei - NASA - SMD - ESD New Investigator Program					
Purpose of Elight:	0.1					

Purpose of Flight:

Science

Ding Darling. Aircraft and instruments all functioning properly. To: Florida Keys Marathon Airport (MTH) To: Florida Keys Airport (MTH) To: Grain Florida Keys Marathon Airport (MTH) To: Grain Florida Keys Marathon Airport (MTH) To: Florida Keys Marathon Airport (MTH) To: Florida Keys Marathon Airport (MTH) To: Florida K	Attempted to collect NIP flight lines in along Gulf Coast of FL Everglades, but encountered persistent, heavy cloud cover. Aircraft and instruments all functioning properly. NOTE: Next two days look better for clear skies and NIP/CCS acquisitions along Gulf Coast				
ight Time: 5.6 hours 17M007 PI: Bruce Cook Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Science Skies cleared in morning and we acquired data around Port Char Ding Darling. Aircraft and instruments all functioning properly. To: Florida Keys Marathon Airport (MTH) Airport (MTH) Airport (MTH) PI: Bruce Cook Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Brownents: Acquired data over Ten Thousand Islands and Harney River. Airc Darrott (MTH) To: Florida Keys Marathon Acquired data over Ten Thousand Islands and Harney River. Airc Darrott (MTH) To: Florida Keys Marathon Airport (MTH) To: Florida Keys Marathon Airport (MTH) To: Florida Keys Marathon Airport (MTH) Airt: 03/29/17 12:41 Z Finish: 03/29/17 16: To: Florida Keys Airport (MTH) Airt: 03/29/17 12:41 Z Finish: 03/29/17 16: To: Florida Keys Airport (MTH) Airt: 03/29/17 16: To: Florida Keys Airport (MTH) To: Airtical Cook Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Acquired data over Shark River. Aircraft and instruments all funct properly. To: Jacksonville International (JAX) Jacksonville International (JAX) Art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) Art: 03/30/17 13:20 Z Finish: Bruce Cook Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) Bruce Cook To: Jacksonville International (JAX) Art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) Art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) Art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) Art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) Art: 03/30/17 13:20 Z Finish: 03/30/17 16: Art: 03/30/17 16:					
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Skies cleared in morning and we acquired data around Port Char Ding Darling. Aircraft and instruments all functioning properly. Florida Keys Marathon Airport (MTH) To: Florida Keys Marothon Airport (MTH) To: Garting Darling. Aircraft and instruments all functioning properly. Florida Keys Marathon Airport (MTH) To: Garting Darling. Aircraft and instruments all functioning properly. Florida Keys Marathon Airport (MTH) Florida Keys Marathon Airport (MTH) To: Florida Keys Marathon Airport (MTH) Florida Keys Marathon Airport (MTH) Florida Keys Marathon Airport (MTH) To: Florida Keys Marathon Airport (MTH) Florida Keys Marathon Pl: Bruce Cook Inding Source: Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Inding Source: Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Inding Source: Acquired data over Shark River. Aircraft and instruments all functional (JAX) Florida Keys Marathon Airport (MTH) To: Jacksonville International (JAX) To: Jacksonville International (JAX) To: Jacksonville International (JAX) To: Jacksonville International (JAX) Florida Keys Marathon Airport (MTH) Florida Keys Marathon A					
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Airport (MTH) art: 03/28/17 12:47 Z Finish: 03/28/17 17:45 PI: 03/28/17 17:45 PI: Bruce Cook anding Source: Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Acquired data over Ten Thousand Islands and Harney River. Airc instruments all functioning properly. To: Florida Keys Marathon Airport (MTH) art: 03/29/17 12:41 Z Finish: 03/29/17 16: To: Florida Keys Airport (MTH) art: 03/29/17 12:41 Z Finish: 03/29/17 16: To: Bruce Cook Airport (MTH) Bruce Cook Inding Source: Ming-Ying Wei - NASA - SMD - ESD New Investigator Program Acquired data over Shark River. Aircraft and instruments all funct properly. To: Jacksonville International (JAX) art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) art: 03/30/17 13:20 Z Finish: 03/30/17 16: To: Jacksonville International (JAX) Bruce Cook Article Time: 3.1 hours To: Jacksonville International (JAX) Bruce Cook Article Time: 3.1 hours To: Jacksonville International (JAX) Bruce Cook Article Time: 3.1 hours To: Jacksonville International (JAX) Bruce Cook Article Time: 3.1 hours Comments: District Cook Article Time: 3.1 hours Collected targets of opportunity (LILA and Indian River Lagoon) of back to Dynamic Aviation. Cook and Corp disembarked in Jacksot take commercial airline back to DC. Aircraft and instruments all functional properly.	Skies cleared in morning and we acquired data around Port Charlotte and Ding Darling. Aircraft and instruments all functioning properly.				
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	Collected targets of opportunity (LILA and Indian River Lagoon) on transit back to Dynamic Aviation. Cook and Corp disembarked in Jacksonville, FL, to take commercial airline back to DC. Aircraft and instruments all functioning properly.				
ht Hour Summary:					

	17M007			
Flight Hours Approved in SOFRS	100			
Total Used	92.7			
Total Remaining	7.3			
17M007 Flight Reports				

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
03/01/17	?17M007-1	Science	2.6	2.6	97.4
03/02/17	?17M007-1	Science	4.8	7.4	92.6
03/03/17	?17M007-1	Science	6.2	13.6	86.4
03/04/17	?17M007-1	Science	4.5	18.1	81.9
03/08/17	?17M007-1	Science	4.4	22.5	77.5
03/09/17	?17M007-1	Science	0.8	23.3	76.7
03/10/17	?17M007-1	Science	1.9	25.2	74.8
03/11/17	?17M007-1	Science	4	29.2	70.8
03/12/17	?17M007-1	Science	3.9	33.1	66.9
03/13/17	?17M007-1	Science	4.1	37.2	62.8
03/14/17	?17M007-1	Science	3.6	40.8	59.2
03/15/17	?17M007-1	Science	4.7	45.5	54.5
03/17/17	?17M007-1	Science	3.1	48.6	51.4
03/22/17	?17M007-1	Science	6.4	55	45
03/25/17	?17M007-1	Science	1.5	56.5	43.5
03/26/17	?17M007-1	Science	1.4	57.9	42.1
03/27/17	?17M007-1	Science	5.6	63.5	36.5
03/28/17	?17M007-1	Science	4.4	67.9	32.1
03/29/17	?17M007-1	Science	3.7	71.6	28.4
03/30/17	?17M007-1	Science	3.1	74.7	25.3

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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2017

Page Editor: Erin Justice NASA Official: Bruce A.

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